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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

	Mail Char Datast Application	q.		
Express Mail Label No.	EL 996288957 US			
Title	APPARATUS AND METHOD FOR	₹		
First Inventor	Kyu-Hyung CHO et al.	4		
Attorney Docket No.	5000-1-473	þ		
spond to a collection of information unless it displays a valid CMB control fulliber.				

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages_20] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3 73(b) Statement				
5. Oath or Declaration [Total Sheets 4] b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	(when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503)				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	(Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other:				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:					
Continuation Divisional Continuation-in-part (CIP) of prior application No.:					
19. CORRESPONDENCE ADDRESS					
Customer Number: 33942 OR Correspondence address below					
Name					
Address					
City	State Zip Code				
Country	Telephone Fax				
Name (Print/Type) Steve S. Cha	Deta Deta				
Signature	Date 10/9/07				

This collection of information is required by 37 FR 3500. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Steve Cha

Name (Print/Type)

Signature

TOTAL AMOUNT OF PAYMENT	(\$) 810.00
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Complete if Known			
Application Number	Unassigned		
Filing Date	October 9, 2003		
First Named Inventor	Kyu-Hyung CHO et al.		
Examiner Name	Unassigned		
Art Unit	Unassigned		
Attorney Docket No.	5000-1-473		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)
Check Credit card Money Other None	3. ADDITIONAL FEES
Order — Order	Large Entity Small Entity
Deposit Account:	Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid
Deposit Account 502-470	1051 130 2051 65 Surcharge - late filing fee or oath
Number Deposit Oha & Daitor	1052 50 2052 25 Surcharge - late provisional filing fee or
Account Cha & Reiter	cover sheet
Name The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification 1812 2.520 1812 2.520 For filing a request for ex parte reexamination
Charge fee(s) indicated below Credit any overpayments	D. Aller multipolitics of SID prior to
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action
to the above-identified deposit account.	1251 110 2251 55 Extension for reply within first month
FEE CALCULATION	1252 420 2252 210 Extension for reply within second month
1. BASIC FILING FEE	1252 420 2252 210 Extension for reply within third month
Large Entity Small Entity	1253 950 2253 473 Extension for reply within fourth month
Fee Fee Fee Fee Description Fee Pard Code (\$)	1255 2,010 2255 1,005 Extension for reply within fifth month
1001 770 2001 385 Utility filing fee 770.00	
1002 340 2002 170 Design filing fee	1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal
1003 530 2003 265 Plant filing fee	Daywood for earl bearing
1004 770 2004 385 Reissue filing fee	1
1005 160 2005 80 Provisional filing fee	
SUBTOTAL (1) (\$) 770.00	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330 2453 665 Petition to revive - unintentional
Fee from	
Extra Claims below Fee Paid Total Claims 9 -20** = X = X	1503 640 2503 320 Plant issue fee
Independent 3 3** = X	1460 130 1460 130 Petitions to the Commissioner
Claims Multiple Dependent =	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)
Large Entity Small Entity	1806 180 1806 180 Submission of Information Disclosure Stmt
Fee Fee Fee Fee Fee Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)
1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection
1201 86 2201 43 Independent claims in excess of 3	(37 ČFR 1.129(a))
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RCE)
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application
	Other fee (specify)
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00
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44,069

Telephone 201-518-5518

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